

NISC HAZARDOUS MATERIAL SHIPPING GUIDE

- The hazardous material items listed in this section are stocked by the NISCs.
- This information is intended as a convenience to help shippers comply with the limitations and other requirements of various federal and industry regulations.
 - If shipped by agency transportation, all Department of Transportation (49 CFR Parts 171-180) regulations apply.**
 - Anyone returning or transferring hazardous materials who is not familiar with hazmat shipping requirements should contact the servicing NISC for instructions.
 - Noncompliance may result in civil penalties of up to \$10,000 being assessed to the individual shipping the hazardous materials.**
- Use of the *OF-316 Interagency Incident Waybill* is encouraged to insure that hazardous materials are listed in the required format.
 - The completion of this form is the responsibility of the "Ship From" unit and would be the Supply Unit Leader at an incident.
 - Hazardous material must be entered as the first item or highlighted on this form.
- The 24-hour **Emergency Response Phone Number 800-424-9300** can be used on all transactions involving NISC shipping and waybill documents. If circumstances necessitate calling this number, the customer identification to use is "National Interagency Support Caches".
- 49 CFR NON-BULK CHECKLIST**
 - Identification** - Proper Shipping Name, Class, UN/NA Number, and Packing Group
 - Packaging** - Will depend on the quantity shipped, single **or** combination loads
 - Marking** - Proper shipping name, UN/NA number, and the name and address of recipient
 - Labeling** - Primary hazard and placement
 - Shipping papers** - Basic description and the emergency response telephone number
 - Placards** - As necessary
 - Emergency Response Information** - MSDS sheets or DOT Emergency Response Guide
- Access to MSDS is available on line at <http://jrm.phys.k-state.edu/Safety/msds.html>**

NFES	PROPER SHIPPING NAME	CLASS	UN/NA ID#	PACKING GROUP	MOTOR CARRIER	UPS	IATA CARGO
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0372 CARTRIDGES, POWER DEVICE
0689

For Ground Shipments:	ORM-D		N/A	30kg/PG	30kg/pg
For Passenger Air Shipments:	1.4S	UN0323	II	25kg/PG	
For Cargo Air Shipments:	1.4S	UN0323	II	100kg/PG	



Refer to 49 CFR 173.63 section for exceptions, labels and placards

0371	FLAMMABLE SOLID,	4.1	UN3178	III	30kg/pg	GRND-12.5kg/pg	100kg/pg
0299	inorganic, n.o.s.					AIR-25kg/pg	
0687	(Aluminum powder)						



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|---|------|-----|-----|
| 1) Marking | Yes | Yes | Yes |
| 2) Labeling: FLAMMABLE SOLID 4 | Yes | Yes | Yes |
| 3) Placard if greater than 1000 lbs. | None | | |
| 4) Refer to 49CFR 173.151 section for limited quantity exceptions. | | | |
| 5) Single packaging is not permitted on aircraft. | | | |

(Continued on reverse side)

NFES	PROPER SHIPPING NAME	CLASS	UN/NA ID#	PACKING GROUP	MOTOR CARRIER	UPS	IATA CARGO
0307	FIRE EXTINGUISHERS	2.2	UN1044	N/A	Non-bulk	70 lbs/pg	150kg/pg
	1) Marking				Yes	Yes	Yes
	2) Labeling: NON-FLAMMABLE GAS 2				None	GRND-No AIR-Yes	Yes
	3) Placard if greater than 1000 lbs.				None		
	4) Refer to 49CFR 173.309 section for exceptions for labeling & placards.						
	5) Ground shipments must be packed in strong packing box.						
0491	PETROLEUM GASES, LIQUIFIED	2.1	UN1075	N/A	Non-bulk	GROUND ONLY	150kg/pg
	1) Marking					Yes	
	2) Labeling: FLAMMABLE GAS 2				Yes	Yes	Yes
	3) Placard if greater than 1000 lbs.				Yes		
3411	POTASSIUM PERMANGANATE	5.1	UN1490	II	29kg/pg	29kg/pg	25kg/pg*
	1) Marking				Yes	Yes	Yes
	2) Labeling: OXIDIZER 5.1 & THIS SIDE UP or UP ARROW				Yes	Yes	Yes
	3) Placard if greater than 1000 lbs.				Yes		
	4) Refer to 49CFR 173.4 section for small quantity exceptions.						
	5) This material is not subject to the requirements of 49CFR. The shipper certifies conformance with this section by marking the outside of the package with the statement "This package conforms to 49CFR 173.4".						
	*Per IATA Regulations: Shipping under Limited Quantity 511 is allowed but requires a 4G package.						
0105	FUSEE	4.1	NA1325	II	Non-bulk	GRND-12.5kg/pg AIR-15kg/pg	**
	1) Marking				Yes	Yes	
	2) Labeling: FLAMMABLE SOLID 4 (GROUND) EXPLOSIVE 1.4S (AIR)				Yes	Yes	**
	3) Placard if greater than 1000 lbs.				Yes	Yes	**
	4) Per 49CFR 173.184-section this item must be packed in 4G UNPOP boxes.						
	** International Class and Domestic Air will require change of proper shipping name to: SIGNAL DEVICES, 1.4S, UN0373, PG II, LABEL REQUIRED—25 kg/PG Passenger Air and 110 kg/PG Cargo Air. SEE IATA REGULATIONS						
0200	OXYGEN, COMPRESSED	2.2	UN1072	N/A	Non-bulk	70lbs/pg GROUND ONLY	150kg/pg
	1) Marking				Yes	Yes	Yes
	2) Labeling: NON-FLAMMABLE GAS and OXIDIZER				Yes	Yes	Yes
	3) Placard if greater than 1000 lbs.				Yes		
	4) The OXYGEN 2 label may be used in place of the Non-flammable Gas and Oxidizer labels. Refer to 49CFR 172.405 (b) section						
1361	PETROLEUM DISTILLATES, n.o.s. (Naphtha solvent)	3	UN1268	II	Non-bulk	GRND-70lbs/pg AIR-5L/pg	60L/pg
	1) Marking				Yes	Yes	Yes
	2) Labeling: FLAMMABLE LIQUID 3 & UP ARROW				Yes	Yes	Yes
	3) Placard if greater than 1000 lbs.				Yes		
	4) Refer to 49CFR 173.202 section-metal receptacle required in fiberboard 4G package						
	5) Package orientation markings on the two opposite vertical sides of the package.						